

AMENDMENTS TO THE ABSTRACT

Replace the Abstract with:

~~There are obtained an~~ An ozone-generator generating system and an ozone generating method ~~of producing ozone at a high concentration and operating at high efficiency,~~ in which a raw material gas ~~added~~ with no nitrogen added and mainly containing ~~an oxygen-gas~~ is used ~~and the~~. The amount of generation of NO_x by-product is null. A raw material gas ~~25~~ not containing nitrogen and mainly containing ~~an oxygen-gas~~ is supplied ~~into~~ to an ozone generator ~~300~~, an AC voltage is applied to produce discharge light having ~~at least a light~~ wavelength of 428 nm to 620 nm, ~~a photocatalytic~~ catalytic material containing a photocatalytic material ~~303~~ with a band gap energy of 2.0 eV to 2.9 eV is provided on an electrode or a dielectric in a discharge region, ~~a~~ gas pressure is kept at 0.1 MPa to 0.4 MPa, and ozone is generated.